

**SCHEMATIC DIAGRAMS
MOD.**

RODEO 37

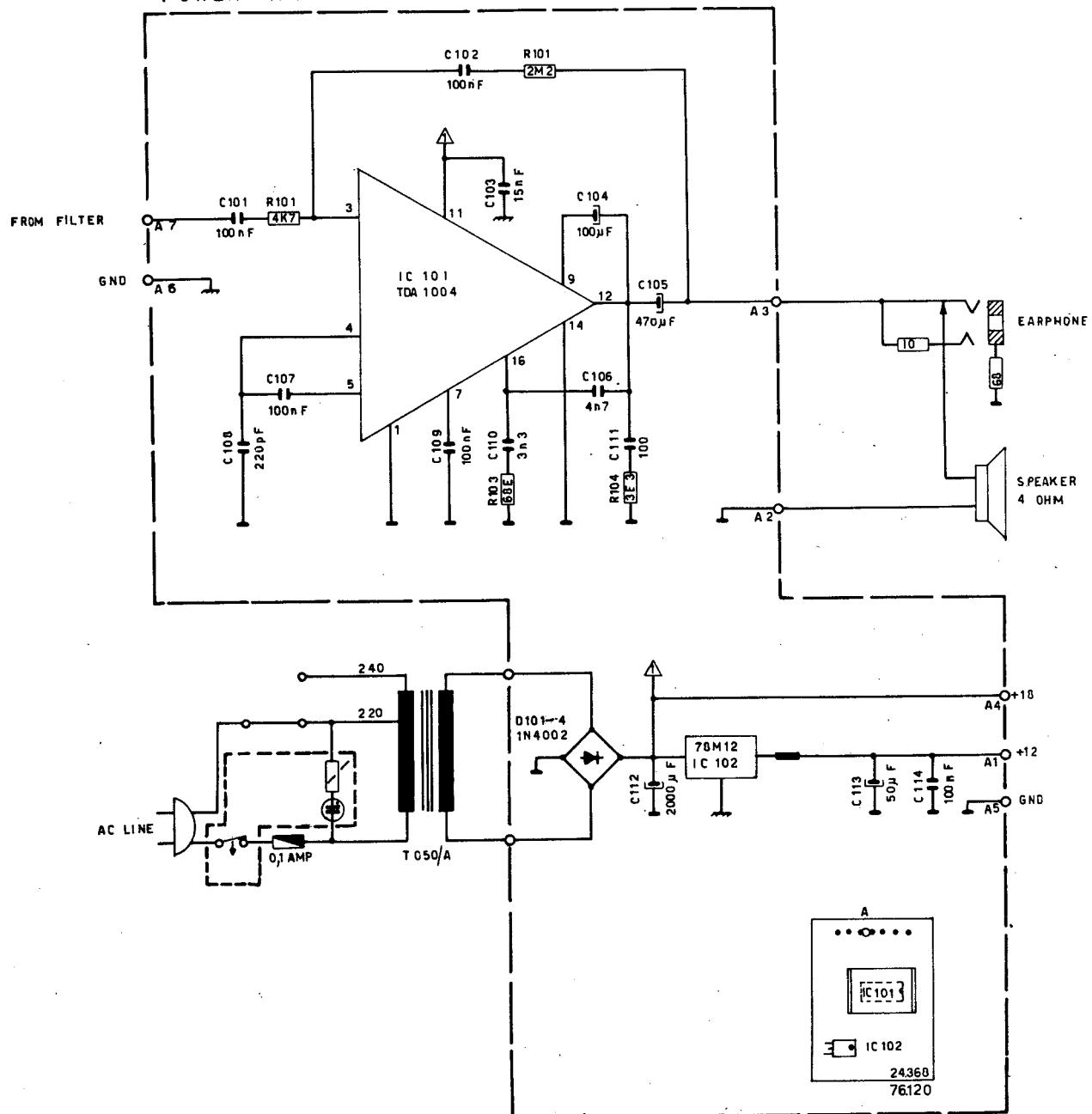
ELECTRONIC ORGAN

MANUFACTURED BY:

G.E.M. s.p.a. - ELECTRONIC MUSICAL INSTRUMENTS

MONDAINO · FO · ITALY

POWER AMPLIFIER 76.120



NOTES :
 1) ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.
 2) ALL VOLTAGES MEASURED WITH RESPECT GND, WITHOUT SIGNAL.

| | | | |
|--|------------------------|----------|-----|
| REV. | SUBJECT | DATE | OKD |
| ISSUED | BY | USED ON: | |
| DRAWN | | | |
| OKD | | | |
| PRINT | | | |
| Schematic Diagram: N° SO - 1248 POWER AMPLIFIER AND VOLTAGE REGULATOR | | | |
| REPLACED BY | DDR BOMBARDIER (PO) | | |
| REPLACING | | | |

MASTER FREQUENCY GENERATOR 74249

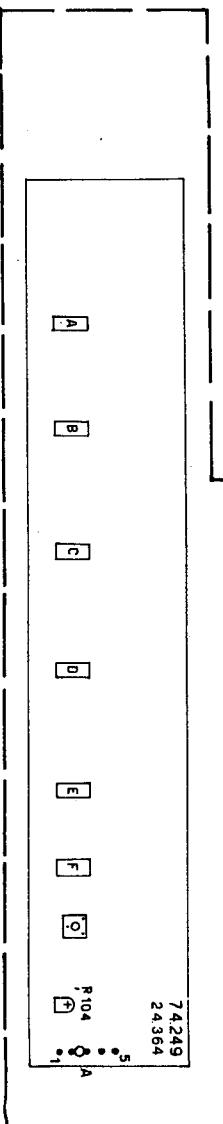
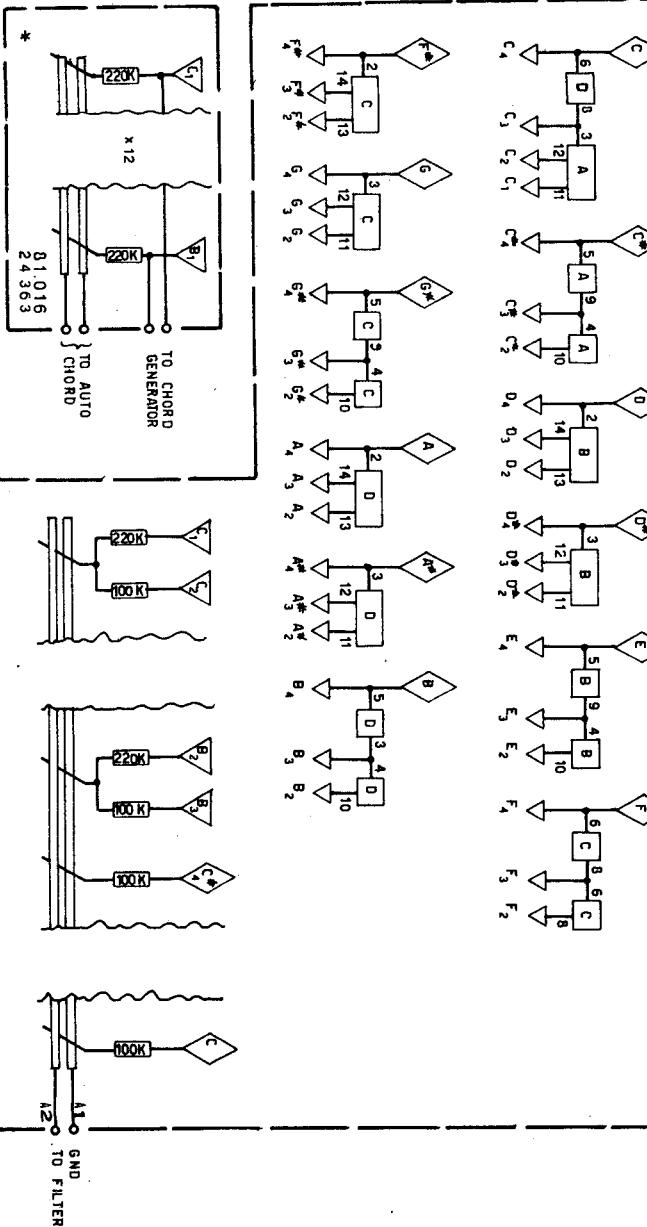
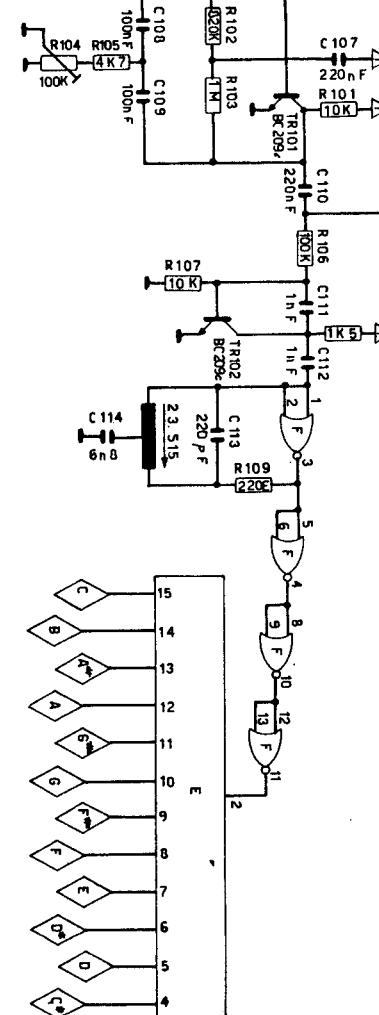
FROM PWR AMP +12 A5

POWER GND A3

C101 100 μ F
C102 100nF
C103 100nF
C104 100nF
C105 100nF
C106 100nF

VIBRATO CTR

VIBRATO ON-OFF



NOTES :

1) IC A-B-C-D = IC 101-2-3-4 = HBF 4727 = +VCC pin 7 - GND pin 1

2) IC E = IC 105 = 50241 = +VCC pin 1 - GND pin 3

3) IC F = IC 106 = 4001 = +VCC pin 14 - GND pin 7

4) ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.

5) ALL VOLTAGES MEASURED WITH RESPECT GND.

6) * ONLY MODEL RODEO 49.

7) ALL VOLTAGES MEASURED WITH RESPECT GND.

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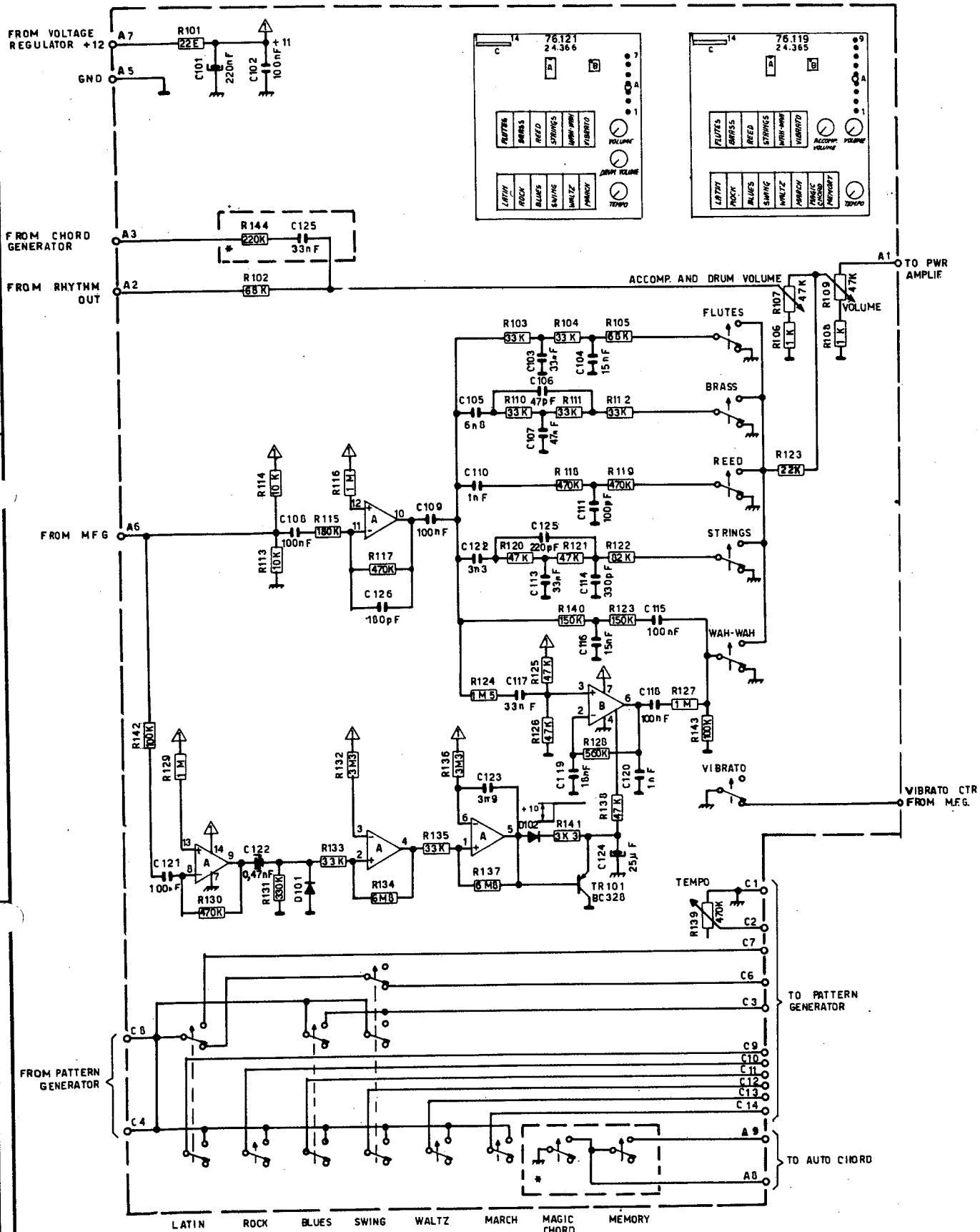
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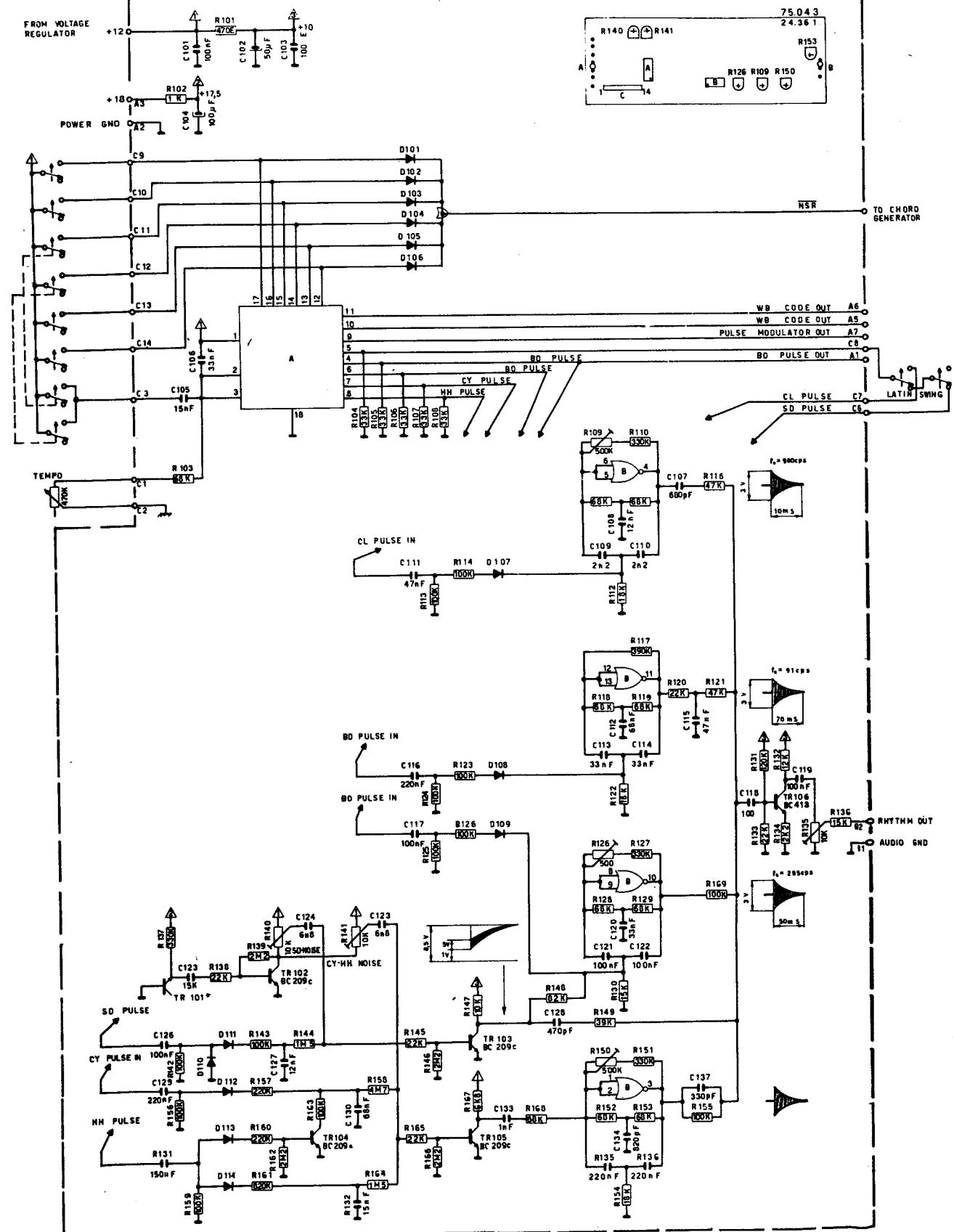
FILTER & TRIGGER 76.121 - 76.119



1) IC A = IC 101 = LM 3900
 2) IC B = IC 102 = CA 3080
 3) ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED
 4) ALL DIODES FDH 999 UNLESS OTHERWISE SPECIFIED
 5) ALL VOLTAGES MEASURED WITH RESPECT GND
 6) * ONLY MODEL RODEO 49

| REV. | SUBJECT | DATE | CKD |
|---------------|-------------|------|-----|
| ISSUED | USED ON: | | |
| DRAWN | RODEO 37/49 | | |
| CKD | V.R. | | |
| SDW | 25-1-80 | | |
| N°. 50 - 1250 | | | |
| REPLACED BY | | | |
| REPLACING | | | |

PATTERN GENERATOR & VOICING BOARD 75.043



NOTES

- 1) IC A = IC 101 = AY-5-1315 - +12 pin 1 - GND pin 10
- 2) IC B = IC 102 = 4001 - +10 pin 4 - GND pin 7
- 3) PTR 101 - BLUE DOT - FACTORY SELECTED CN 09.401
- 4) ALL RESISTORS 1/4 WATT UNLESS OTHERWISE SPECIFIED.
- 5) ALL DIODES FOR 998 (OR EQUIVALENT) UNLESS OTHERWISE SPECIFIED.
- 6) ALL VOLTAGES MEASURED WITH RESPECT GND.

| REV | SUBJECT | DATE | CKD |
|-------------|----------|-----------------------|-----|
| ISSUED | DATE | BY | |
| DRAWN | 14-10-77 | 7000 | |
| CKD | 25-1-78 | 7000 | |
| APPROV | 24-1-78 | 7000 | |
| N° | SO-1252 | SCHEMATIC DIAGRAM: | |
| REPLACED BY | | PATTERN GENERATOR AND | |
| REPLACING | | VOICING BOARD. | |

